



# FYE 2024 and 2025 Budget Goals and Objectives

Jeff Mosher, General Manager  
February 7, 2023 | Item No. 6.B

# Outline

- Agency Vision
- Budget Approach
- Goals and Objectives
  - OWOW
  - Roundtables
  - Brine Line
- Agency Operations



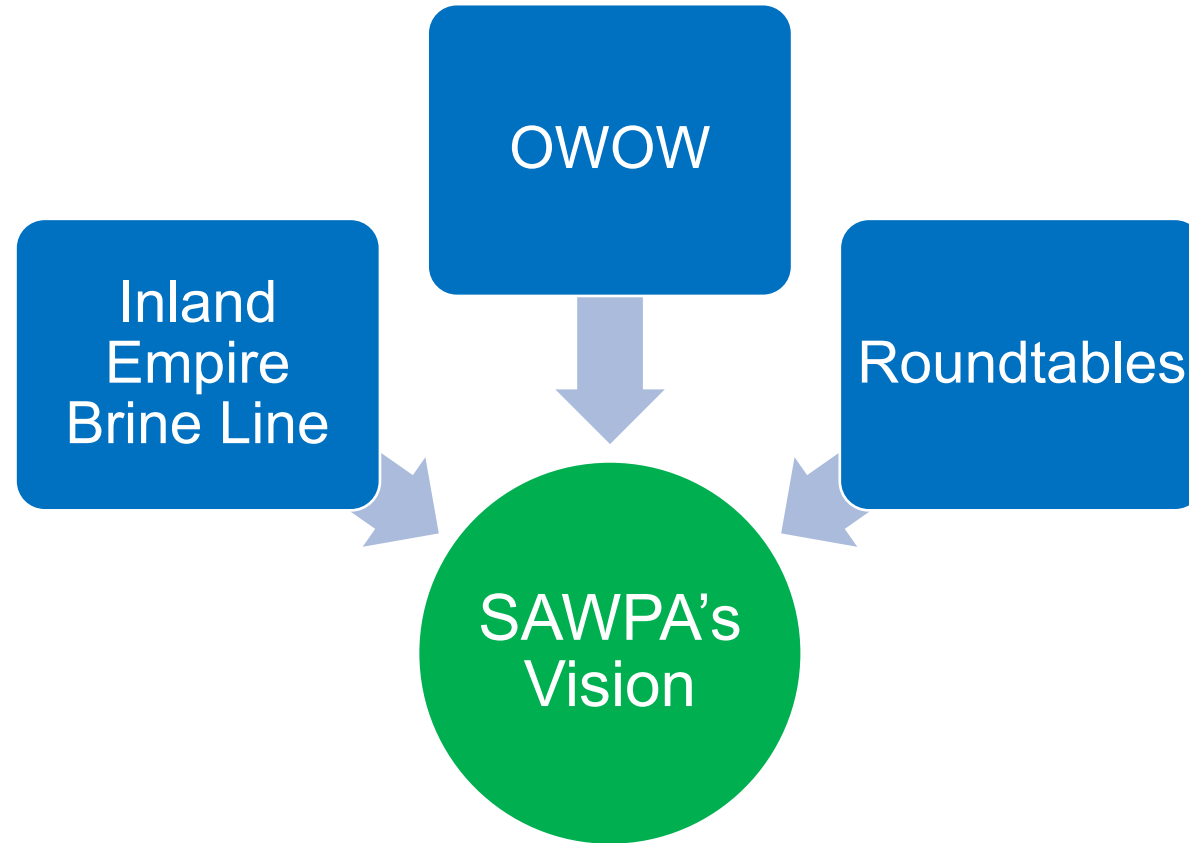
# SAWPA's Vision (2011, Reviewed in 2016)

- SAWPA's vision is a sustainable Santa Ana River Watershed that provides clean and reliable water resources for a vibrant economy and high quality of life for all, while maintaining healthy ecosystems and open space opportunities.
- A successful SAWPA provides value to its member agencies and to the watershed as a whole by facilitating collaboration across boundaries to address common goals and tackle problems that are larger than any individual entity.

# SAWPA's Mission (2011)

- Maintaining peace in the watershed
- Facilitating conflict resolution through collaborative processes
- Preparing an integrated watershed-wide water management plan that provides a unified vision for the watershed
- Operating the Inland Empire Brine Line to convey salt out of the watershed and support economic development
- Developing water-related initiatives, particularly those that require the participation of several entities
- Identifying, pursuing, securing and administering supplemental funds for watershed
- Influencing legislation for the benefit of the watershed

# Achieving SAWPA's Vision and Mission



# SAWPA Programs

Inland Empire  
Brine Line

OWOW

Roundtables

SAWPA Operations

# Brine Line

- Support salinity management and the achievement of a long-term watershed-wide salinity balance through:
  - Water quality maintenance, enhancement, and protection in the Santa Ana River and groundwater basins
  - Water resource management by augmenting groundwater resources and expanding recycled water
  - Disposal of high salinity wastewater from groundwater desalination, power plants, industrial/commercial uses, and wastewater desalination
  - Disposal of emergency discharges from local wastewater treatment plants
  - Providing existing and future public agencies and private industry with a cost-effective salinity management option

# OWOW

- Fulfill SAWPA's role as the IRWM agency for the watershed
- Prepare integrated watershed water management plan that is:
  - Updated regularly
  - Meets regional needs and DWR IRWM plan requirements
  - Supports water resources and water supply for the SAR Watershed
- Facilitate the study and development of new watershed solutions
- Maximize funding opportunities and policy influence through watershed-wide efforts



# Roundtables

- Create value by building relationships among regulators, SAWPA members, regulated parties in addressing water related issues
- Provide regional capacity for supporting multi-agency forums to address water resources challenges
- Assist in the facilitation of stakeholder processes to address watershed-specific issues



# FYE 2024 and 2025 Budget Approach

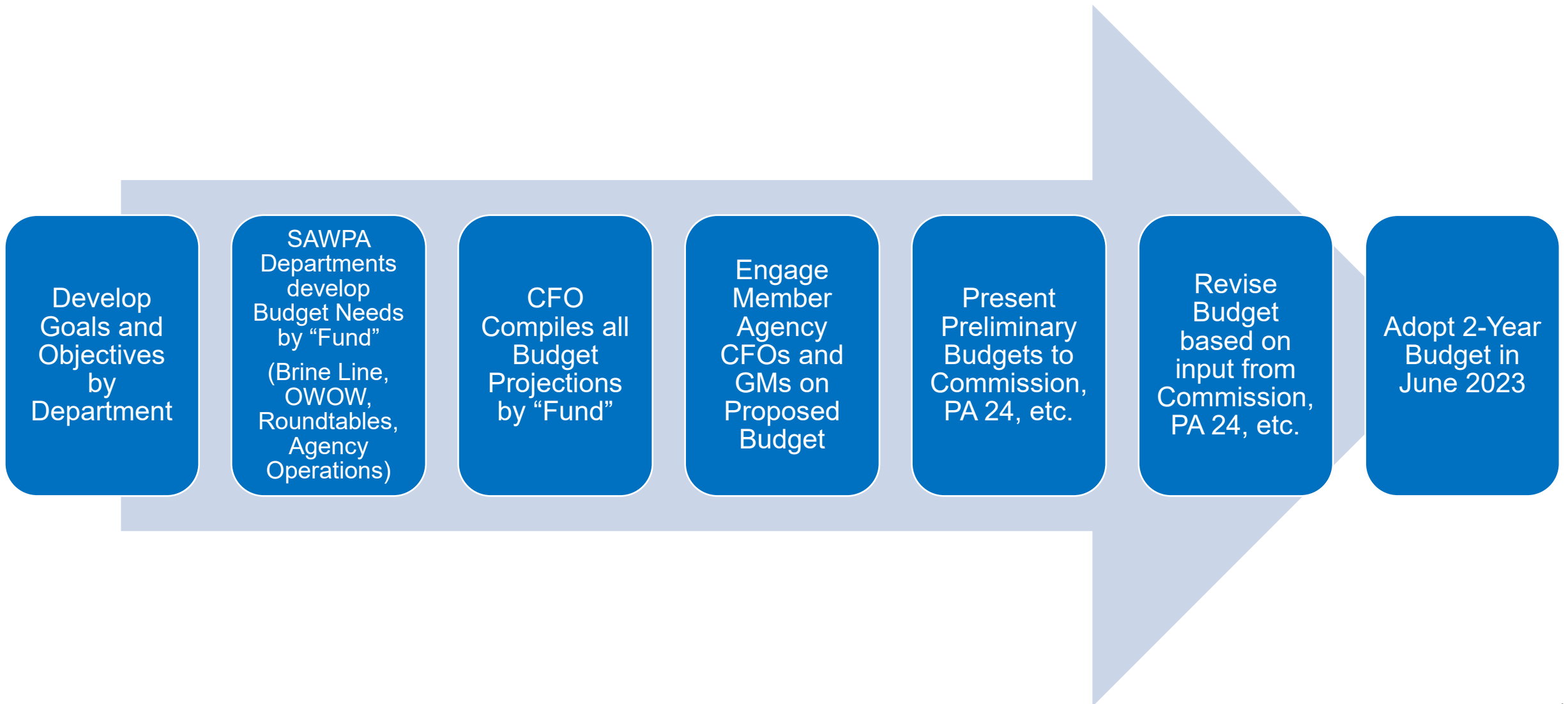
Karen Williams, Deputy General Manager and CFO

February 7, 2023

# Budget Approach (2-year Budget)

- SAWPA's Budget Process:
  - Collaborative effort with SAWPA departments to implement SAWPA's mission, vision, and goals
  - Effort is based on strategic plan adopted by the Commission in 2011 and reviewed in 2016
- Preparation/Planning
- Integration
- Adoption by Commission

# 2-Year Budget Development Process



# Budget Development

- **Preparation/Planning**
  - December through February
- **Integration**
  - February through May
- **Adoption**
  - June (by Commission)
- **Execution/Feedback**
  - Starts from the first day of the budget year (July 1) and runs through entire budget year



# Budget Schedule

- **February 7, 2023** – Present Goals and Objectives
- **February 9, 2023** – Budget Workshop with Member Agency CFOs
- **Commission Presentations**
  - February 21, 2023 – First draft OWOW and Roundtable Funds Budget
  - March 7, 2023 – First draft General Fund Budget
  - April 13, 2023 – Budget Review – All Funds
  - May 2, 16 – Approve Budget
  - June 30, 2023 – Member Agency Budget Ratification
- **PA24 Presentations**
  - March 7, 2023 – First draft Brine Line Operating & Capital Budget
  - May 2, 2023 – Budget Approval
- **PA22 and PA23 – Presentations**
  - TBD - Budget Review/Approval

# FYE 2024 and 2025 Budget Approach

Questions?

# FYE 2024 and 2025 Budget Planning Goals and Objectives

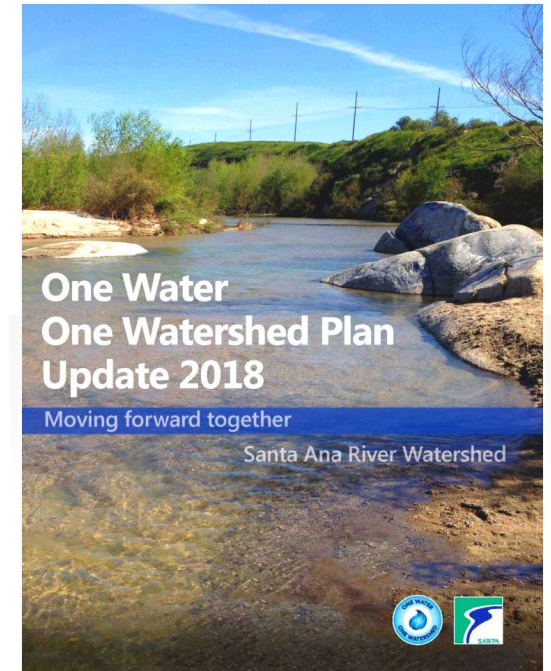
Rachel Gray, Water Resources and Planning Manager

February 7, 2023



# Outline

- OWOW Program
  - Planning
  - Implementation Projects
  - Administration
- Roundtables

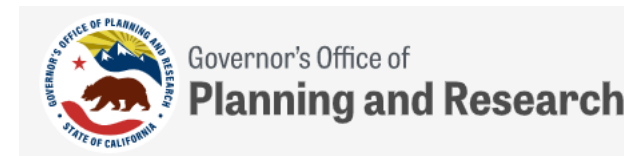


# OWOW Planning

Project	Overview	Created	Members	Fund
OWOW Plan	<ul style="list-style-type: none"> <li>• SAWPA as State-approved regional water management group in IRWM Program</li> <li>• Watershed coordination</li> <li>• Implement and update OWOW Plan</li> </ul>	1.0 (2010) 2.0 (2014) Update (2018)	<ul style="list-style-type: none"> <li>• Steering Committee (11 members)</li> <li>• Pillars (10 workgroups)</li> </ul>	373 (funded by member agency contributions)
General Basin Planning	<ul style="list-style-type: none"> <li>• Conduct planning activities with stakeholders</li> <li>• Pursue/apply for future grant funding opportunities</li> <li>• Respond to information requests</li> </ul>	Ongoing	<ul style="list-style-type: none"> <li>• SAWPA</li> </ul>	370-01 (funded by member agency contributions)
Partnership Studies	<ul style="list-style-type: none"> <li>• Coordinate and prepare grant funding partnerships including Federal Agencies</li> <li>• WaterSMART Program: create water budgets at parcel level</li> </ul>	2019	<ul style="list-style-type: none"> <li>• SAWPA</li> <li>• USBR</li> </ul>	370-02 (funded by member agency contributions, Federal Grant funding)

# OWOW – Future Areas

- SAWPA Funding Areas:
  - OWOW Plan (update in 2024/2025?)
  - General Basin Planning
  - Partnership Studies (e.g., USBR)
- State Priorities:
  - Climate Resiliency
    - Climate Adaptation and Resiliency Planning Grant
      - Planning (\$25M)
      - Implementation (\$250M)
  - Nature Based Solutions
    - Planning and studies
    - Implementation



# Impacts of Climate Change Risks in SAR Watershed

## Extreme Heat

- Alter Natural and Urban Ecosystems
- Impact Human Health
- Degraded Infrastructure
- Increase Water Demand
- Increase Energy Consumption
- Increase Air Pollution

## Flooding

- Critical Infrastructure Damage
- Erosion/WQ Impacts
- Human Health and Safety

## Wildfires

- Impacts to Flora and Fauna
- Increase of Existing & Introducing New Pollutants
- Landslides

## Drought

- Hazardous Algal Blooms
- Increase Salinity/Treatment Requirements
- High Evaporation/ Less Runoff
- Reduce Recharge to Aquifers
- Diminish Forest Health
- Increase Dependence on Imported Water

## Sea Level Rise

- Seawater Intrusion
- Increase Coastal Inundation
- Impacts to infrastructure
- Loss of Coastal Marshes/ Beaches



- Develop/Bolster Infrastructure
- Stormwater Capture
- Enhanced Monitoring (monitoring/injection wells, surface water)
- Habitat Restoration
- Water Quality Treatment
- Enhanced Water Conservation
- Human Health
- Equity
- Education

# OWOW Implementation Projects

Project	Overview	Created	Partners	Fund
PFAS Regional Analysis Study	<ul style="list-style-type: none"> <li>Investigate the impacts of PFAS in the surface water of the upper SAR Watershed and evaluate measures to address PFAS contamination</li> </ul>	2022	<ul style="list-style-type: none"> <li>SAWPA</li> <li>Member Agencies</li> <li>OC SAN</li> </ul>	377 (funded by member agency contributions)
Weather Modification Pilot Study	<ul style="list-style-type: none"> <li>Operation and validation (4-years)</li> </ul>	2020	<ul style="list-style-type: none"> <li>SAWPA</li> <li>Member Agencies</li> <li>Other local agencies</li> </ul>	378 (funded by member Agency Contributions, Participant Fees, Proposition 1 Grant Funding)
WECAN (Riverside)	<ul style="list-style-type: none"> <li>Support water and energy efficiency for disadvantaged communities</li> <li>Implement landscape improvements by replacing turf with drought tolerant landscaping</li> </ul>	2014	<ul style="list-style-type: none"> <li>City of Riverside Public Utilities</li> <li>SAWPA</li> </ul>	397 (funded by California Strategic Growth Council grant)
Disadvantaged Community Involvement (DCI) Program	<ul style="list-style-type: none"> <li>Administer \$5M DACI set-aside grant for drought relief implementation projects serving disadvantaged communities within the SAR Watershed.</li> </ul>	2016	<ul style="list-style-type: none"> <li>SAWPA</li> <li>California Rural Water Association</li> </ul>	398 (funded by DWR Urban and Multi-benefit Drought Relief Grant through \$5M DACI set-aside grant)

# OWOW Administration

Project	Overview	Created	Fund
Proposition 84 Grant Administration	<ul style="list-style-type: none"><li>Grant Administration (O&amp;E)</li></ul>	2015	145
Proposition 84 (2015 Round SARCCUP)	<ul style="list-style-type: none"><li>Administer PA23 Committee</li><li>Implement SARCCUP</li><li>Implement SARCCUP Water Use Efficiency Budget Assistance Project</li></ul>	2015	504-401
Proposition 1 Grant Administration	<ul style="list-style-type: none"><li>Grant Administration (O&amp;E)</li></ul>	2014	150
Proposition 1 Grant Projects	<ul style="list-style-type: none"><li>Round 1 - Enhancements to Watershed-Wide Water Budget Decision Support Tool</li></ul>	2014	505

# Roundtables (1/3)

Project	Overview	Created		Fund
Basin Monitoring Program Task Force	<ul style="list-style-type: none"> <li>Regional collaboration to execute compliance obligations for TDS and Nitrogen under the RWQCB Basin Plan</li> <li>Prepare and submit Annual SAR Water Quality Reports, Ambient Water Quality Plans, and Basin Plan Amendments to RWQCB</li> </ul>	2004	<ul style="list-style-type: none"> <li>Beaumont-Cherry Valley Water District (WD)</li> <li>6 Cities and 7 Water Districts</li> <li>Chino Basin Watermaster</li> <li>Colton/San Bernardino Regional Tertiary Treatment and Wastewater Reclamation</li> <li>EMWD, IEUA</li> <li>Elsinore Valley MWD</li> <li>Santa Ana Regional Water Quality Control Board</li> <li>West Riverside County Regional Wastewater Authority</li> </ul>	374
Santa Ana River Fish Conservation Task Force	<ul style="list-style-type: none"> <li>Coordinate Santa Ana Sucker Habitat Restoration Projects</li> <li>Pursue grants or partnerships to construct additional habitat</li> <li>Gather habitat data based on Santa Ana Riverwalk monitoring</li> </ul>	1998	<ul style="list-style-type: none"> <li>Orange County Water District</li> <li>City of Riverside</li> <li>U.S. Fish and Wildlife Service</li> <li>Santa Ana Watershed Project Authority</li> <li>San Bernardino Valley Municipal Water District</li> <li>California State Water Resources Control Board</li> <li>Local Agencies</li> </ul>	381
Middle Santa Ana River (MSAR) Task Force	<ul style="list-style-type: none"> <li>Implement TMDLs adopted by the RWQCB to address exceedances of fecal coliform bacterial indicators</li> <li>Perform annual watershed-wide compliance monitoring</li> <li>Study quantify sources of bacteria</li> </ul>	2006	<ul style="list-style-type: none"> <li>Riverside County Flood Control &amp; Water Conservation District</li> <li>San Bernardino County Flood Control District</li> <li>County of Riverside</li> <li>17 Cities</li> <li>Chino Basin Watermaster Agricultural Pool</li> <li>Santa Ana Regional Water Quality Control Board</li> </ul>	384-01

# Roundtables (2/3)

Project	Overview	Created	Participants	Fund
Regional Water Quality (RWQ) Task Force	<ul style="list-style-type: none"> <li>• Implement Santa Ana River regional bacteria water quality monitoring program</li> <li>• Support regional water quality monitoring programs</li> <li>• Assist Regional Board with triennial reviews and amendments of the Basin Plan</li> </ul>	2016	<ul style="list-style-type: none"> <li>• Orange County Public Works</li> <li>• Riverside County Flood Control and Water Conservation District</li> <li>• San Bernardino County Flood Control District</li> <li>• Santa Ana Regional Water Quality Control Board</li> </ul>	386
Arundo Management and Habitat Restoration	<ul style="list-style-type: none"> <li>• Implementation of current and future Arundo donax removal efforts in SAR watershed headwaters</li> <li>• Administer SAR Mitigation Bank with Riverside County Parks</li> </ul>	2006	<ul style="list-style-type: none"> <li>• Inland Empire Resource Conservation District</li> <li>• SAWPA</li> <li>• Santa Ana Watershed Association</li> <li>• Riverside County Regional Park and Open-Space District</li> </ul>	387
Emerging Constituents Task Force	<ul style="list-style-type: none"> <li>• Oversee and investigate Emergent Constituents</li> <li>• Data collection, data management, and reporting</li> <li>• Communication outreach on the safety of tap water.</li> </ul>	2008	<ul style="list-style-type: none"> <li>• Chino Basin Watermaster</li> <li>• 5 Cities and 8 Water Districts</li> <li>• Colton/San Bernardino Regional Tertiary Treatment and Wastewater Reclamation</li> <li>• EMWD, WMWD, OCWD</li> <li>• Santa Ana Regional Water Quality Control Board</li> <li>• Santa Ana Watershed Project Authority</li> <li>• West Riverside County Regional Wastewater Authority</li> </ul>	392



# Roundtables (3/3)

Project	Overview	Created	Participants	Fund Number
Lake Elsinore and Canyon Lake Nutrient TMDL Task Force	<ul style="list-style-type: none"> <li>Administered by LESJWA.</li> <li>Implement the Lake Elsinore and Canyon Lake nutrient total daily maximum loads to address the requirements of the Basin Plan Amendment.</li> </ul>	2004	<ul style="list-style-type: none"> <li>Riverside County</li> <li>11 Cities Caltrans</li> <li>CA Department of Fish &amp; Wildlife</li> <li>Elsinore Valley Municipal Water District</li> <li>March Joint Powers Authority</li> <li>March U.S. Air Force Base</li> <li>Eastern Municipal Water District</li> <li>San Jacinto Agricultural Operators</li> <li>S J Dairy &amp; CAFO Operators</li> </ul>	477
Lake Elsinore/San Jacinto Watersheds Authority (LESJWA)	<ul style="list-style-type: none"> <li>Joint Powers Authority to improve water quality and wildlife habitats in Lake Elsinore and Canyon Lake, as well as in the surrounding watersheds.</li> </ul>	2000	<ul style="list-style-type: none"> <li>City of Canyon Lake</li> <li>City of Lake Elsinore</li> <li>County of Riverside</li> <li>Elsinore Valley Municipal Water District</li> <li>SAWPA</li> </ul>	477-02

# FYE 2024 and 2025 Budget Planning Goals and Objectives

Questions?

# FYE 2024 and 2025 Budget Brine Line Goals and Objectives

David Ruhl, Executive Manager of Engineering and Operations

February 7, 2023

# Brine Line – Goals and Objectives

## Organization (Engineering and Operations Department):

1. Operations (Fund 240)
  - Engineering Activities
  - Operations Activities
  - Permitting and Pre-treatment Activities
2. Capital Projects (Fund 320, 327 and 328)
  - Engineering and Construction
3. Grant Administration and QA / QC (Fund 145 and 150)

# Operations – Fund 240 (1 of 3)

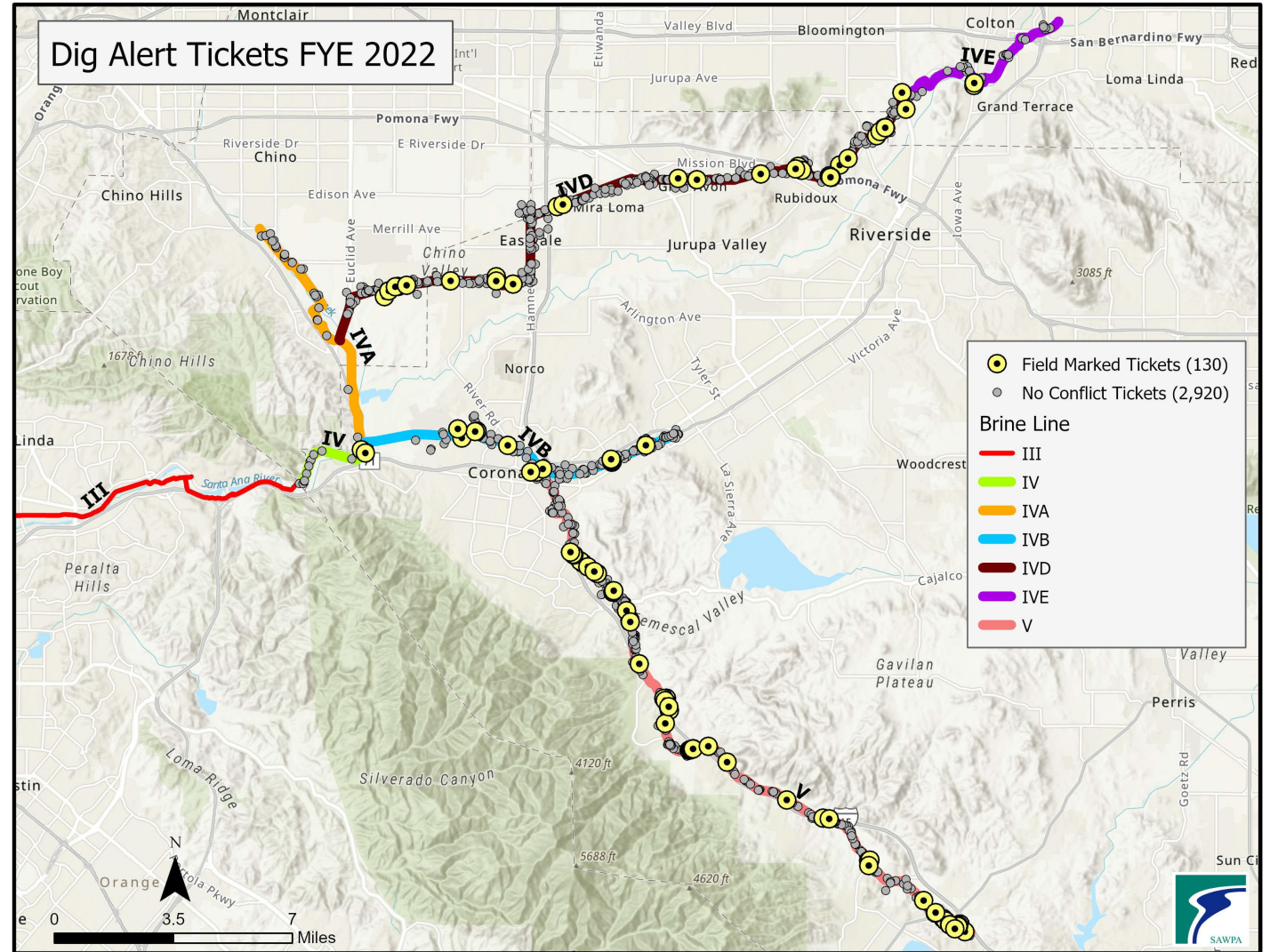
- Operations and Maintenance
  - Inspections
    - Line Cleaning and CCTV Inspection
    - Maintenance Access Structure (MAS) Inspections
  - Maintenance
    - Air Vacuum Valves Maintenance
    - Right-of-way Maintenance
  - Sewer System Management Plan Audit
    - Implement any Corrective Actions
  - Update Sewer System Management Plan
  - Increase in-house Field Staff Capability
    - Reduce Reliance on Contractors
  - Coordination with outside contractors working near the Brine Line
    - Reduce the Risk of SSO's



# Air Vacuum Valve Maintenance



# Underground Service Alert (USA) Markings (Contractor Coordination)



# Operations – Fund 240 (2 of 3)

- Engineering
  - Brine Line Master Plan
    - Additional Studies as Recommended
  - Discharger Lease Agreements
  - Evaluate impacts of tributary flows on Reach IV-B Lower within the Prado inundation area
  - Coordination with Agencies and Developers on review of infrastructure plans with potential to impact the Brine Line
  - Maintain / Grow Partnership with OC San
    - Joint Operations Committee
    - Joint Policy Committee
  - Update Marketing Plan, Brochure and Implement Program
  - Other Studies as Needed



# Operations – Fund 240 (3 of 3)

- Permitting and Pre-treatment
  - Continue to Administer Program
  - Update Brine Line Ordinance
  - Update Policies and Procedures
  - Audit of Member Agencies and Contract Agencies Programs
  - Audit of SAWPA's Pre-treatment Program
    - Implement any Corrective Actions
  - Monitoring at OC San SARI Metering Station (SMS)
    - Support Billing between SAWPA and OC San

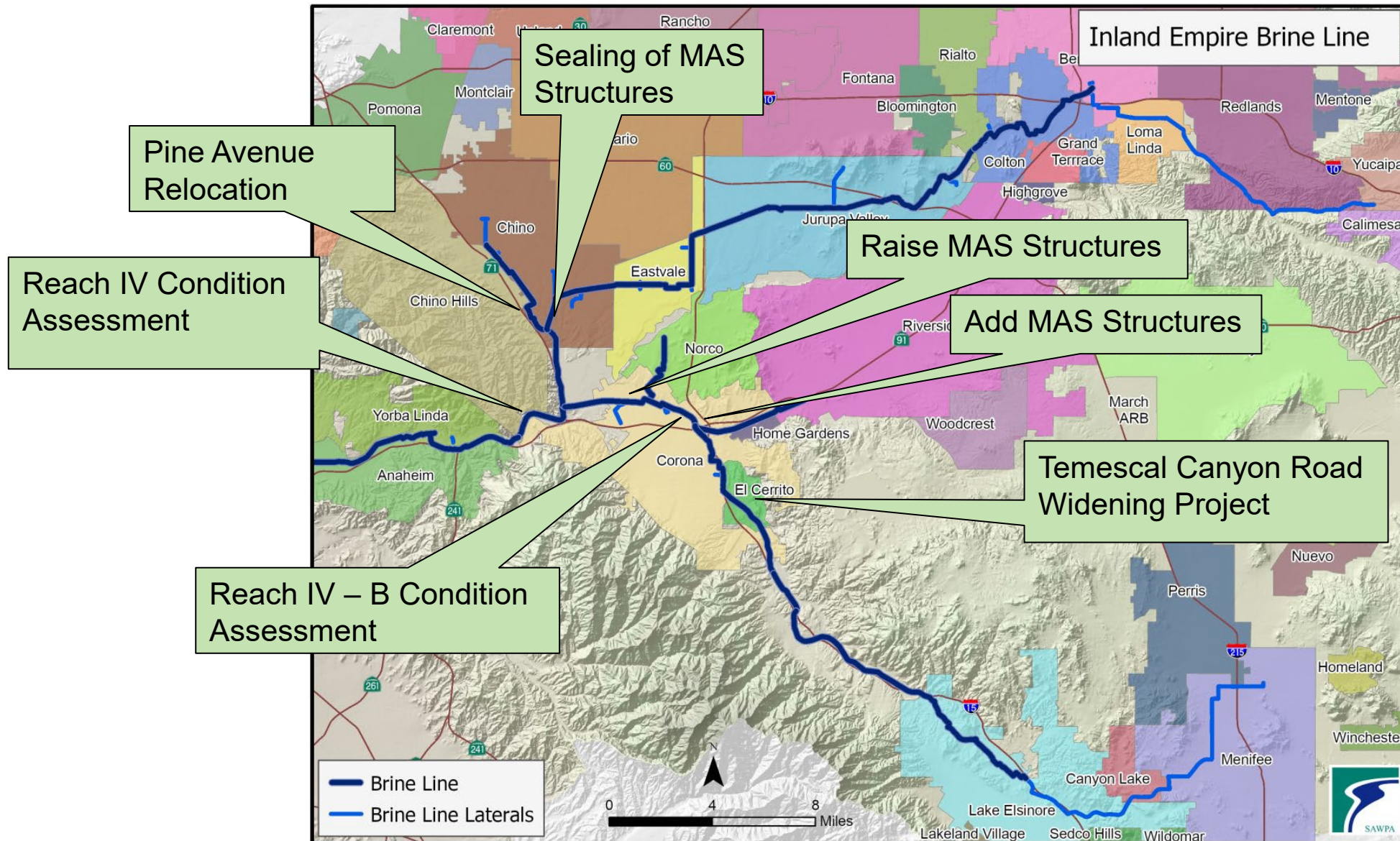


# Capital Projects (Fund 320)

- Reach IV Pipeline Inspection and Condition Assessment
- Reach IV – B Lower
  - Pipeline Inspection and Condition Assessment
  - Improvements
    - Add up to two MAS to provide access for cleaning and inspection
    - Raise two MAS within the Prado inundation area
- Protection / Relocation
  - RCTD Widening of Temescal Canyon Road (Reach V)
  - Caltrans / City of Chino Hwy 71 / Pine Avenue off – ramp (Reach IV-A Upper)
    - Relocation of Pine Avenue Siphon
- Complete sealing of MAS structures within the Prado Basin Inundation area below elevation of 556 feet



# Capital Projects (Fund 320)



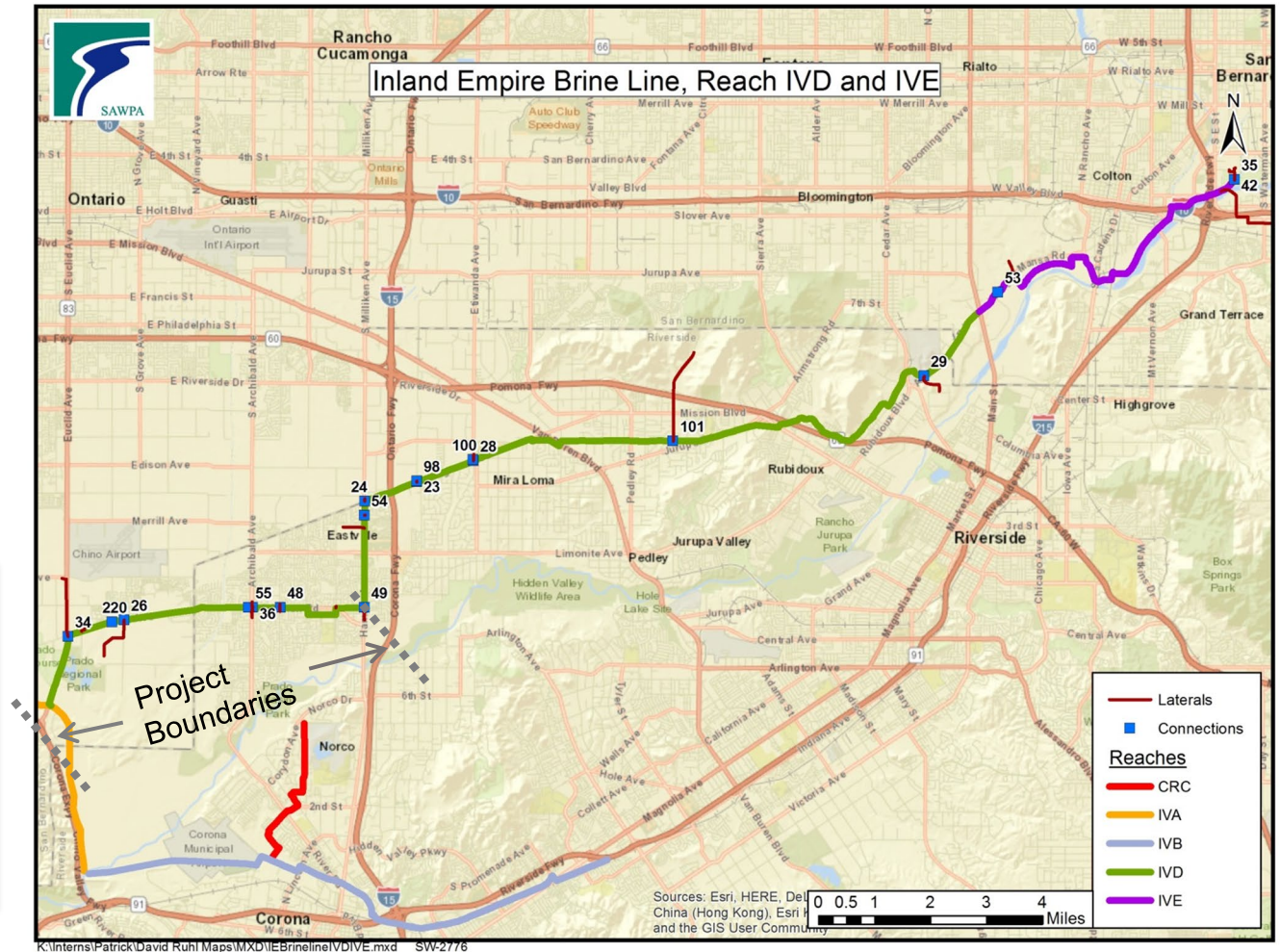
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# Capital Projects (Fund 327)

- Reach IV – D Corrosion Repairs
  - Mid-term pipe inspection as recommended in the 2019 Reach IV-D Work Plan and Condition Assessment

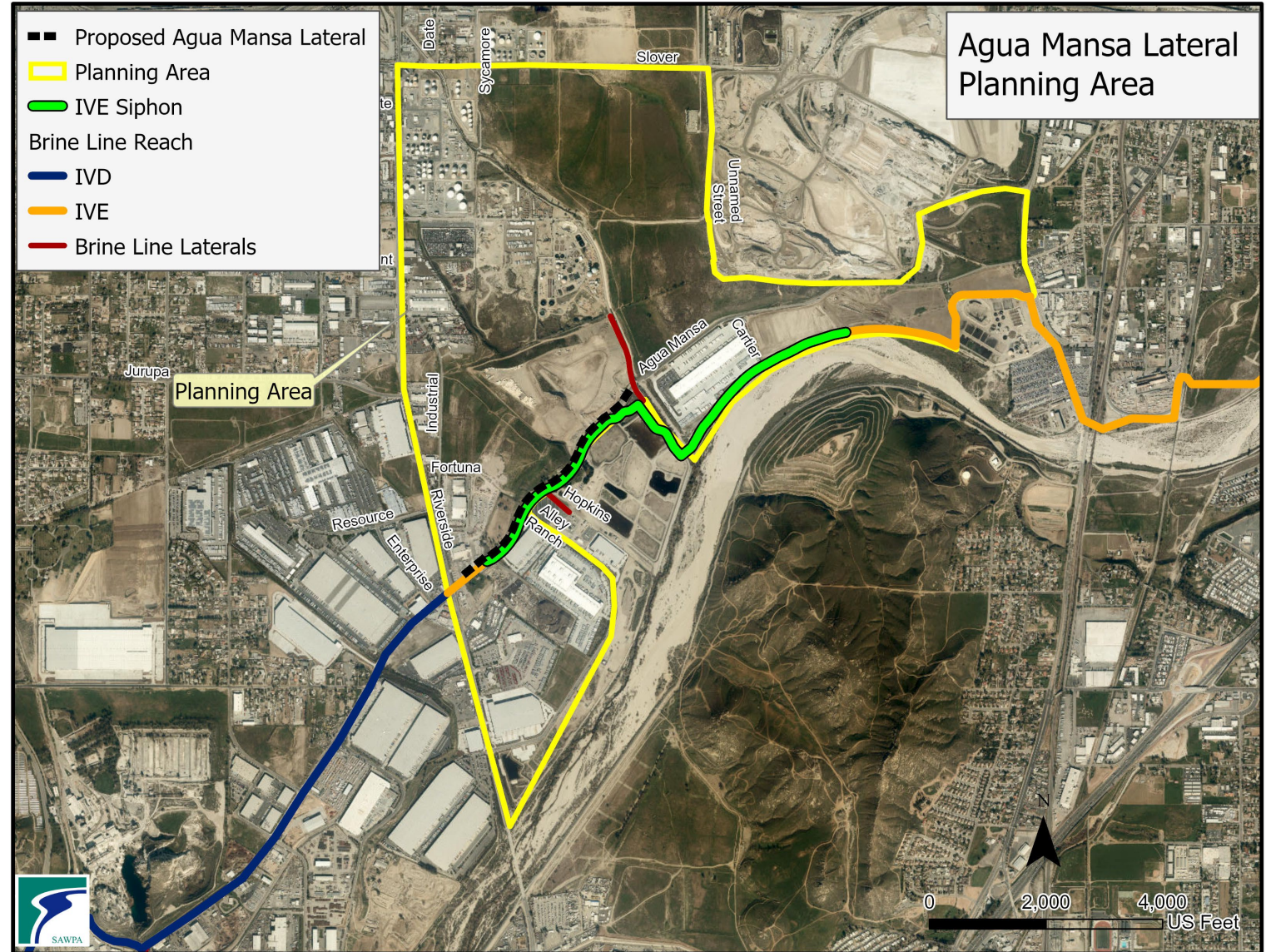


Exposed Concrete Pipe Invert



# Capital Projects (Fund 328)

- Agua Mansa Lateral (Reach IV – E)
  - Complete Construction of the Agua Mansa Lateral



# FYE 2024 and 2025 Budget Brine Line Goals and Objectives

Questions?

# FYE 2024 and 2025 Budget Agency Operations Goals and Objectives

# Agency Operations (1/3)

- Strategic
  - Continue Lobbying Efforts
  - Update Strategic Plan
- External Affairs and Communications
  - Communications Plan addressing SAWPA Activities
  - Website and Social Media
  - Conference Attendance and Presentations



# Agency Operations (2/3)

- Financial
  - GASB 45 and 68 Compliance
  - Submit Budget and Annual Comprehensive Financial Report (ACFR) for GFOA Award Program
  - Audit
  - Grant Management
- Administrative
  - Improve Efficiency and Effectiveness
  - Review/revise Policies and Procedures
  - Human Resources
  - Training
- Facilities
  - Complete Lobby Security Improvement
  - Landscape Renovation

# Agency Operations (3/3)

- IT
  - Provide Administrative and Technology Support
  - Upgrade IT Infrastructure
  - Operate Hardware, Software, and Network Applications
  - Improve Network Security
  - Maximize GIS Data Investments by providing GIS Web Apps and provide input to Local and State Initiatives

**Questions?**